

## CLAIMS

1. An information processing device for determining the image rendering positions within an image of various objects constituting the image, and outputting to image rendering means layout information including image rendering commands for rendering the objects in their positions, comprising:

a function for placing an inquiry with said image rendering means as to whether a predetermined image rendering command is usable or not; and

a simulation function which, when said predetermined image rendering command is not usable, simulates image rendering corresponding to said predetermined image rendering command using an image rendering command that can be used by said image rendering means, and outputs layout information including the simulation result.

2. The information processing device according to claim 1, wherein said simulation function simulates image rendering corresponding to said predetermined image rendering command using an image rendering command for at least one of a text object, an image object, a border object, and a background object.

3. The information processing device according to claim 1, comprising analysis means for analyzing a document described in a structured tag language, and extracting therefrom objects constituting an image.

4. The information processing device according to claim 1, wherein said predetermined image rendering command or object is an image rendering command

or object relating to interactive input/output.

5. The information processing device according to claim 1, wherein said predetermined image rendering command or object is an image rendering command or object used in the image rendering of an input form.

6. An image rendering device comprising the information processing device according to claim 1, and image rendering means for rendering an image on the basis of said layout information, wherein

said image rendering means inform said information processing device of an image rendering command or object that can be used by said image rendering means in response to an inquiry from said information processing device.

7. An information processing device for determining the image rendering positions within an image of various objects constituting the image, and outputting to image rendering means layout information including said image rendering positions, comprising:

a function for placing an inquiry with said image rendering means as to whether a predetermined object can be rendered or not; and

a simulation function which, when said predetermined object cannot be rendered, simulates image rendering of said predetermined object using an object that can be rendered by said image rendering means, and outputs layout information including the simulation result.

8. The information processing device according to claim 7, wherein said simulation function simulates image rendering of said predetermined object using at least one of a text object, an image object, a border object, and a background object.

5 9. The information processing device according to claim 7, comprising analysis means for analyzing a document described in a structured tag language, and extracting therefrom objects constituting an image.

10 10. The information processing device according to claim 7, wherein said predetermined image rendering command or object is an image rendering command or object relating to interactive input/output.

11. The information processing device according to claim 7, wherein said predetermined image rendering command or object is an image rendering command or object used in the image rendering of an input form.

12. An image rendering device comprising the information processing device according to claim 7, and image rendering means for rendering an image on the basis of said layout information, wherein

20 said image rendering means inform said information processing device of an image rendering command or object that can be used by said image rendering means in response to an inquiry from said information processing device.

13. An information processing method for determining the image

rendering positions within an image of various objects constituting the image, and outputting layout information including image rendering commands for rendering the objects in their positions, comprising the steps of:

placing an inquiry with image rendering means, which serve as an  
5 output destination for the layout information, as to whether a predetermined image rendering command is usable or not; and

when said predetermined image rendering command is not usable,  
simulating image rendering corresponding to said predetermined image rendering  
command using an image rendering command that can be used by said image  
10 rendering means, and outputting layout information including the simulation result.

14. An information processing method for determining the image  
rendering positions within an image of various objects constituting the image, and  
outputting layout information including said image rendering positions, comprising the  
15 steps of:

placing an inquiry with image rendering means, which serve as an  
output destination for the layout information, as to whether a predetermined object  
can be rendered or not; and

when said predetermined object cannot be rendered, simulating  
20 image rendering of said predetermined object using an object that can be rendered  
by said image rendering means, and outputting layout information including the  
simulation result.

15. A program for causing a computer to execute the information

processing method according to claim 13 or 14.